

#### ABSTRACT OF THE DISCLOSURE

The method of protecting an algorithm that can be decomposed into the form of initial polynomials ( $P_i$ ) of at least two variables and of degree not less than two, comprises the steps of making combined polynomials ( $Q_k$ ) each obtained from at least two initial polynomials ( $P_i$ ,  $P_{i+1}$ ), and of storing the combined polynomials ( $Q_k$ ) in the form of a configuration file in a memory (3) associated with a processor unit (4).